

Title (en)
WELDING PROCESS FOR PRODUCING AN INFLATABLE PRODUCT

Title (de)
SCHWEISSVERFAHREN ZUR HERSTELLUNG EINES AUFBLASBAREN PRODUKTS

Title (fr)
PROCÉDÉ DE SOUDAGE POUR FABRIQUER UN PRODUIT GONFLABLE

Publication
EP 3269533 A1 20180117 (EN)

Application
EP 17185649 A 20141125

Priority
• CN 201310598878 A 20131125
• EP 14864535 A 20141125
• US 2014067457 W 20141125

Abstract (en)
A welding process of an inflatable product is provided that includes using isolating members (6) between first and second portions of weldable tensioning members (4) to resist the first and second portions of the weldable tensioning structures being welded together during welding of the first portions to a first sheet (5) of weldable material and welding of the second portions to a second sheet (7) of weldable material.

IPC 8 full level
B29C 65/04 (2006.01); **B29L 22/02** (2006.01)

CPC (source: EP RU US)
A47C 27/081 (2013.01 - EP US); **A47C 27/087** (2013.01 - EP US); **B29C 65/04** (2013.01 - EP US); **B29C 65/242** (2013.01 - US); **B29C 66/004** (2013.01 - EP US); **B29C 66/0044** (2013.01 - US); **B29C 66/1122** (2013.01 - EP US); **B29C 66/438** (2013.01 - EP US); **B29C 66/474** (2013.01 - EP US); **B29C 66/7315** (2013.01 - US); **B29C 66/73921** (2013.01 - EP US); **B29C 66/81427** (2013.01 - EP US); **B29C 66/8322** (2013.01 - EP US); **B29C 66/8432** (2013.01 - EP US); **B32B 3/085** (2013.01 - EP US); **B32B 3/266** (2013.01 - EP US); **B32B 5/022** (2013.01 - EP US); **B32B 5/24** (2013.01 - EP US); **B32B 7/12** (2013.01 - EP US); **B32B 27/06** (2013.01 - EP US); **B32B 27/304** (2013.01 - US); **B32B 29/002** (2013.01 - EP US); **B32B 37/06** (2013.01 - US); **B32B 37/26** (2013.01 - US); **A47C 27/087** (2013.01 - RU); **B29C 66/4722** (2013.01 - EP US); **B29C 66/71** (2013.01 - EP US); **B29C 66/723** (2013.01 - EP US); **B29K 2027/06** (2013.01 - US); **B29K 2105/256** (2013.01 - EP US); **B29L 2022/02** (2013.01 - EP US); **B29L 2031/751** (2013.01 - EP US); **B32B 7/14** (2013.01 - US); **B32B 2327/06** (2013.01 - US); **Y10T 428/1352** (2015.01 - EP US)

Citation (applicant)
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• US 201414444474 A 20140728

Citation (search report)
• [A] JP H08103957 A 19960423 - KANBOU PLUS KK
• [A] US 2009133828 A1 20090528 - WU HSIN-TSAI [TW]
• [A] FR 2456608 A1 19801212 - SEVYLOR, et al
• [A] JP 2012005620 A 20120112 - HIVIX CO LTD, et al
• [A] WO 2009050824 A1 20090423 - TANAKA YASUZUMI [JP]
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WO 2015077788 A1 20150528; AU 2014352637 A1 20160616; AU 2014352637 B2 20170202; AU 2014352637 B9 20170223; AU 2017202876 A1 20170518; AU 2017202876 B2 20181115; BR 112016011476 A2 20180327; BR 112016011476 B1 20210706; BR 122017024910 A2 20190910; BR 122017024910 B1 20210629; CA 2931453 A1 20150528; CA 2931453 C 20180327; CL 2016001246 A1 20170602; CN 103600502 A 20140226; EP 3073869 A1 20161005; EP 3073869 A4 20171108; EP 3073869 B1 20200715; EP 3269533 A1 20180117; EP 3269533 B1 20200506; ES 2824256 T3 20210511; MX 2016006705 A 20170111; NZ 720589 A 20210625; RU 2620743 C1 20170529; US 10076874 B2 20180918; US 11065823 B2 20210720; US 11654638 B2 20230523; US 2015147503 A1 20150528; US 2017136726 A1 20170518; US 2018354201 A1 20181213; US 2021331425 A1 20211028

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